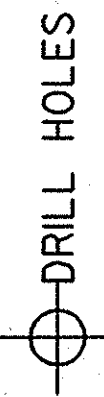
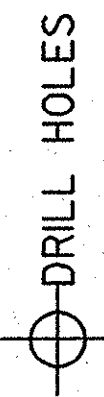
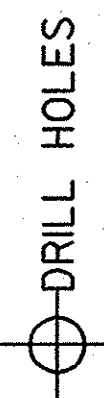
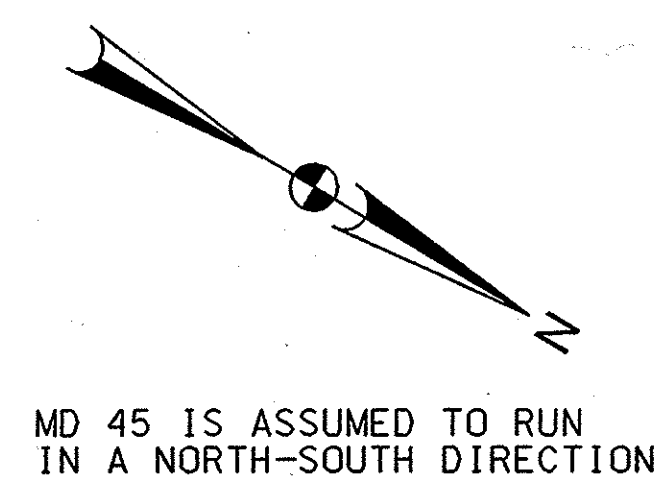


BORDER REV. DATE: June 1, 2004

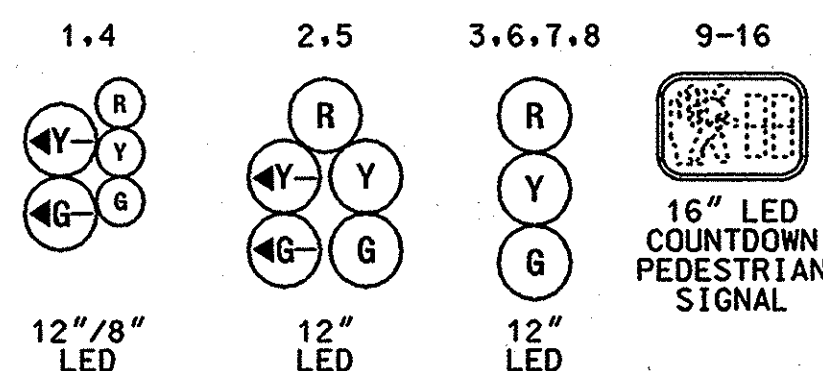


BY: WJWARNER

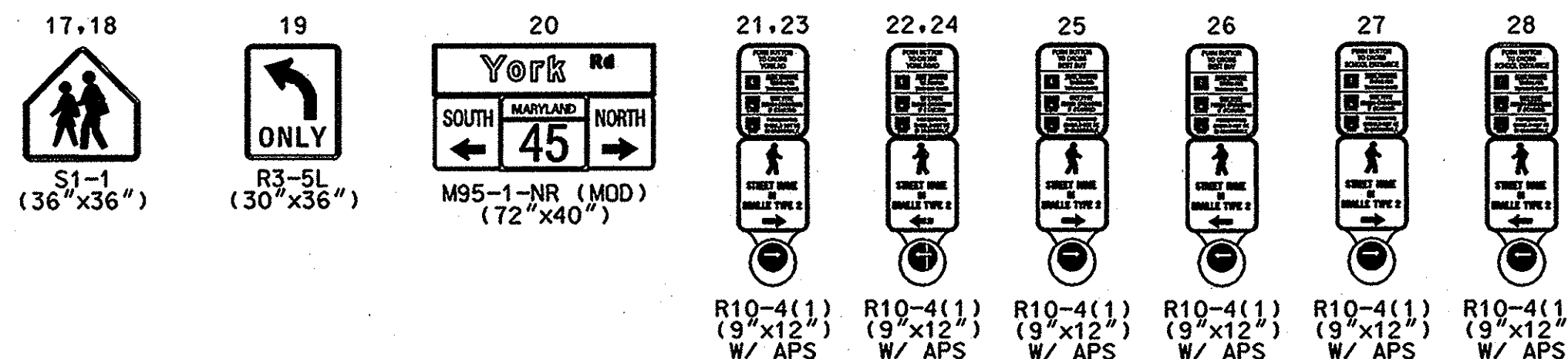


MD 45 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

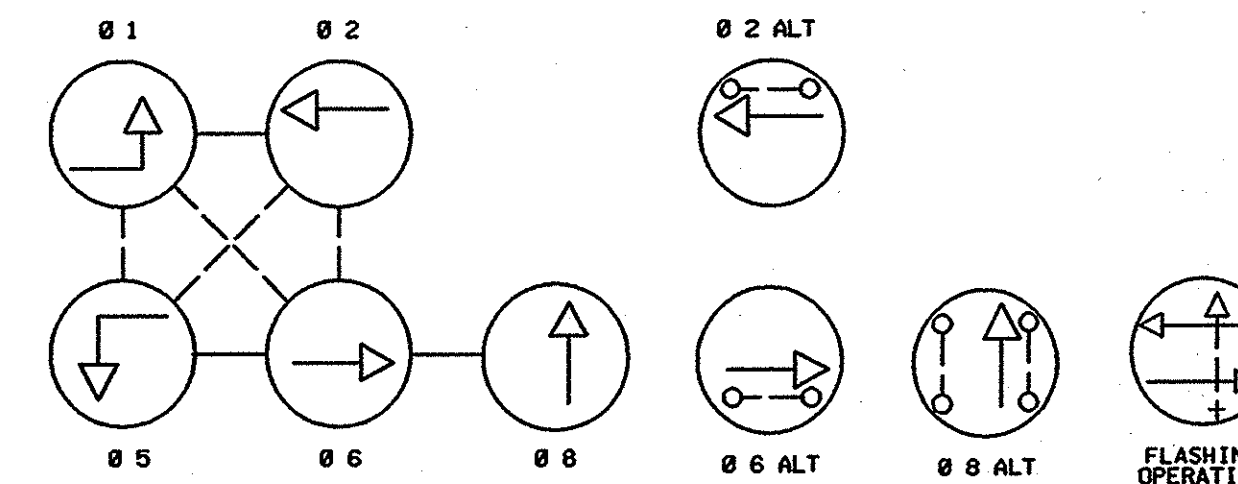
EXISTING SIGNAL HEADS



EXISTING SIGNS



EXISTING NEMA PHASING

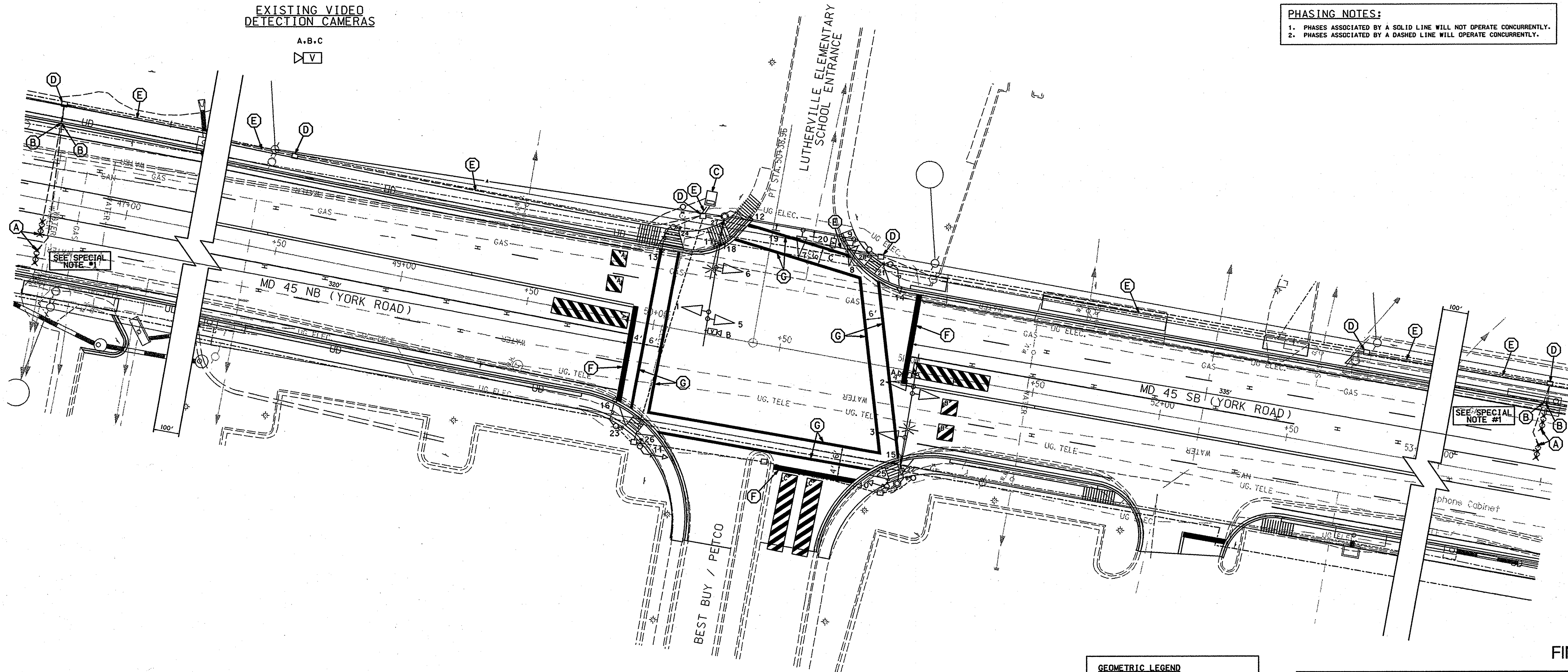


PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

EXISTING VIDEO DETECTION CAMERAS

A.B.C
V



FINAL

GEOMETRIC LEGEND	
---	EXISTING GEOMETRICS
---	PROPOSED GEOMETRICS
---	EXISTING RIGHT OF WAY
---	PROPOSED RIGHT OF WAY

CONSTRUCTION DETAILS

- INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN WITHIN 4 IN. CONDUIT.
- INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- USE EXISTING BASE MOUNTED CONTROLLER.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
- INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (CROSSWALK).

GENERAL NOTES

- REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.

SPECIAL NOTES

- MICROLOOP PROBE SETS SHALL BE INSTALLED IN FINAL MD 45 TRAVEL LANE LOCATIONS AFTER ALL PAVEMENT GRINDING IS COMPLETED AND IMMEDIATELY PRIOR TO THE FINAL MD 45 PAVEMENT OVERLAY.
- VIDEO DETECTION AREAS MAY NEED TO BE ADJUSTED BASED ON FINAL PAVEMENT MARKINGS.
- ALL CROSSWALKS ARE CENTERED TO THE CENTER OF THEIR RESPECTIVE CURB RAMPS.

**McCormick
Taylor**
Engineers & Planners
Since 1946

509 South Exeter Street
4th Floor
Baltimore, Maryland 21202
(410) 662-7400

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MARYLAND 45 (YORK ROAD) WIDENING
CAVAN DRIVE TO RIDGELY ROAD

APPROVALS		REVISIONS		SIGNALIZATION PLAN - MD 45 at Lutherville Elementary School	
TEAM LEADER				SCALE 1"=20' DATE 3/6/98 CONTRACT NO. BA7065171	
ASST. DIV. CHIEF				DESIGNED BY Jamie Storok COUNTY BALTIMORE	
DIVISION CHIEF				DRAWN BY Jamie Storok LOGMILE 03004504.22	
OFFICE DIRECTOR				CHECKED BY M.R. T.I.M.S. NO.	
				F.A.P. NO. SEE TITLE SHEET TOD NO.	
				DRAWING NO. SS-22 OF SS-25 SHEET NO. 90 OF 137	

PLOTTED: 03/02/2006
FILE: G:\4674\10\DESIGN\ENGINEERING\PLANSET\SS22MD45.DGN